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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=6; day=24; hr=14; min=36; sec=37; ms=927; ]

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Application No: 10592919

Version No: 1.0

Input Set:

Output Set:

Started: 2008-06-02 10:38:42.694

Finished: 2008-06-02 10:38:44.262

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 568 ms

Total Warnings: 46

Total Errors: 2

No. of SeqIDs Defined: 48

Actual SeqID Count: 48

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 249	Order Sequence Error <210> -> <220>; Expected Mandatory Tag: <211> in SEQID ( 9 )
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (14)
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W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2008-06-02 10:38:42.694  
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Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22) This error has occurred more than 20 times, will not be displayed
E 250	Structural Validation Error; Sequence listing may not be indexable

# SEQUENCE LISTING

<110> Michael, T. Migawa

Walter F. Lima

Eric E. Swayze

Joshua Nichols

Hongjiang Wu

Thazha P. Prakash

Tadeusz Krzysztof Wyrzykiewicz

Balkrishen Bhat

Stanley T. Crooke

<120> COMPOSITIONS AND METHODS FOR OPTIMIZING

CLEAVAGE OF RNA BY RNASE H

<130> CORE0037USA

<150> PCT/US2005/008428

<151> 2005-03-15

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<151> 2004-04-29

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2'-S-methylthymidine or 4'-methylthymidine or  
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2'-S-methylthymidine or 4'-methylthymidine or  
3'-methylthymidine or abasic nucleotide or 2,4-F-tolyl

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